

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 December 2003 (24.12.2003)

PCT

(10) International Publication Number
WO 2003/106093 A3

(51) International Patent Classification⁷:

B23K 1/015

(21) International Application Number:

PCT/DK2003/000393

(22) International Filing Date: 14 June 2003 (14.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PA 2002 00906 14 June 2002 (14.06.2002) DK
PA 2003 00260 21 February 2003 (21.02.2003) DK

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(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

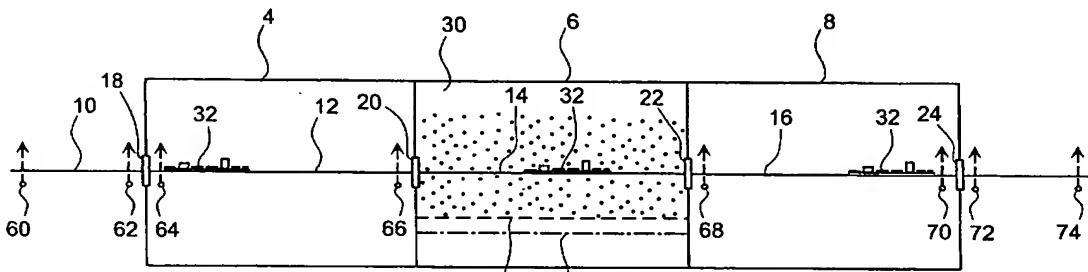
Published:

— with international search report

(88) Date of publication of the international search report:
19 February 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR VAPOUR PHASE SOLDERING



(57) Abstract: The present invention concerns a method and an apparatus for performing soldering of items that are applied a soldering agent, where the soldering apparatus includes at least one soldering zone, where the soldering zone include means for generating vapour, the apparatus being adapted to heat the items to be soldered to a temperature required for soldering by condensing the vapour. Further the invention relates to a method and an apparatus for flux deposition connected to a soldering machine, which soldering machine comprises a solder heating medium evaporated by heating means forming a vapour that heats elements to be soldered by heat transfer and by condensation, which apparatus comprises means for condensation, of a vapour containing flux where pumping means circulate vapor containing flux through the condensation means, where the condensation means comprises heat exchangers for cooling the vapour for flux condensation.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/DK 03/00393

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B23K1/015

Rec'd PCT/PTO 14 DEC 2004

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 321 031 A (WOODGATE RALPH W) 23 March 1982 (1982-03-23) column 2, line 55 -column 3, line 10 column 5, line 16 - line 25 column 5, line 50 - line 67 abstract ---	1,4,8,9, 14-16,18
Y	US 4 580 716 A (BARRESI ANTHONY J ET AL) 8 April 1986 (1986-04-08) abstract ---	1,4,8,9, 14-16,18
A	US 5 156 325 A (MISHINA HARUO ET AL) 20 October 1992 (1992-10-20) column 4, line 26 - line 30 abstract -----	1-23

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Date of the actual completion of the international search

22 September 2003

Date of mailing of the International search report

13. 11. 2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK 03/00393

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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